

Datasheet for ABIN7149599
anti-DOCK7 antibody (AA 1440-1671)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DOCK7
Binding Specificity:	AA 1440-1671
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOCK7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dedicator of cytokinesis protein 7 protein (1440-1671AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DOCK7
Alternative Name:	DOCK7 (DOCK7 Products)
Background:	Background: Functions as a guanine nucleotide exchange factor (GEF), which activates Rac1 and Rac3 Rho small GTPases by exchanging bound GDP for free GTP. Does not have a GEF

Target Details

activity for CDC42. Required for STMN1 Ser-15 phosphorylation during axon formation and consequently for neuronal polarization (PubMed:16982419). Has a role in pigmentation (By similarity). Involved in the regulation of cortical neurogenesis through the control of radial glial cells (RGCs) proliferation versus differentiation, negatively regulates the basal-to-apical interkinetic nuclear migration of RGCs by antagonizing the microtubule growth-promoting function of TACC3 (By similarity).

Aliases: DOCK7 antibody, KIAA1771Dedicator of cytokinesis protein 7 antibody

UniProt: [Q96N67](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

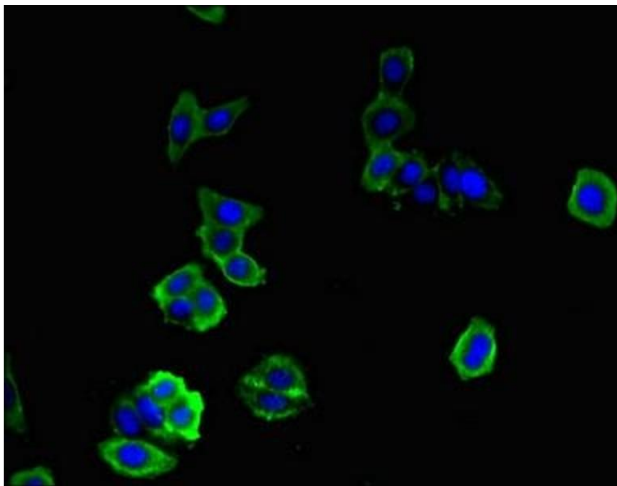
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

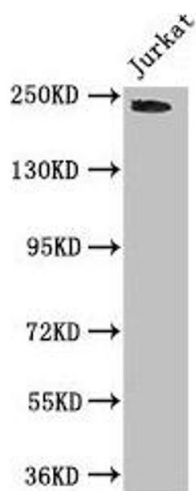
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7149599 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate All lanes: DOCK7 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 243, 242, 239, 240, 73 kDa Observed band size: 243 kDa